

AV 3400 Portable Video Recorder From Owner's Manual

Sony EIAJ 1, 1/2 " open reel portable recording and playback system.

Sony Price List 3/1//70 \$1495

Sony Price List 1972 \$1650

AV 3400 was listed in SONY product literature in 1977



from the Owner's Manual



from Product Literature

The SONY AV-3400 is a portable record/playback Videocorder designed to operate with the SONY AVC-3400 Video Camera. The system will record "live" action, and the recorded picture can be immediately played back and viewed on the camera viewfinder screen. It will greatly aid in teaching, training, promotional activities and in hundreds of other applications. Please read this manual carefully and keep this booklet handy for future reference.

Features

Record/Playback Functions with Complete Portability The AV-3400 provides high quality video and audio record/playback functions in a truly portable compact unit. The recorded material can be immediately played back and seen on the camera viewfinder screen, a video monitor with a connecting cable VMC-1M, supplied, or conventional TV screen using the RF Unit optional.

Fully Automatic Performance

The SONY-MATIC recording system adjusts audio and video recording levels automatically to assure perfect recording with very little effort.

AC/DC Operation

The self-contained rechargeable battery pack BP-20 provides 45 minutes of continuous operation with the camera. If desired, the Videocorder may be operated from household power by connecting Ac Power Adaptor AC-3400, supplied, or from a car battery with use of Car Battery Cord DCC-2400, optional.

Other Facilities

Additional sound, such as commentary or background music, may be recorded on the prerecorded picture during playback. Stop-action can also be obtained for close examination. The time counter shows the recording time minute by minute as well as indicating the amount of tape as an ordinary tape counter. Automatic shut-off occurs when the tape runs out. A manual tracking control corrects improper tracking in the playback picture and assures complete tape inter-changeability between all AV-Series Videocorders.



Video recording system: Rotary 2-head scan system, full field, composite video signal based on American TV standards (supplied from the Video Camera AVC-3400)

Recording time: 30 minutes continuously with a V-30H tape

Tape speed: 7 1/2 ips

Tape width: 1/2 inch

Video modulation system: Frequency modulation

Horizontal resolution: More than 300 lines

Video signal-to-noise ratio: Greater than 40 dB

Video input: 1.0V (p-p), 75 ohms, unbalanced

Video output: 1.0V (p-p), 75 ohms, unbalanced

RF output: 75 ohms, 80 dB (OdB = 1microV/m)

Audio input: (microphone input) 3.6k ohms, -65 dB, AGC

Audio output: (earphone output) high impedance

Audio frequency response: 100 Hz-10 kHz

Power requirements: DC, 12 V AC, 117V±10 (with use of AC-3400)

Power consumption: 12 W (without AVC-3400)

Dimensions: 11 (w) x 6 3/4 (h) x 11 5/8 (d) in

Weight: 18 lb, 12 oz (with battery pack, tape and reel)

Accessories supplied:

Ac Power Adaptor, AC-3400

Battery Pack, BP-20

Tape, V-30 H

Empty Reel, RH-5E

Earphone, CE-3

Monitor connecting cable, VMC-1M

Polishing Cloth

Splicing Tape

Cleaning Fluid

Head Cleaner

Shoulder Bag

Optional accessory

RF Units:

RFU-53W (for 3 channel)

RFU-54W (for 4 channel)

(Antenna Selector, ANS-1 is supplied.)